

Converting Colors

`RYB(149, 106, 105)`

Have a look what the booklet for
RYB(149, 106, 105) contains.

RYB(149, 106, 105)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(149, 106, 105)

Conversions

Conversions Part 1

Format	Color
Hex	956A69
RGB	149, 106, 105
RGB Percent	58%, 42%, 41%
CMY	0.4157, 0.5844, 0.5882
CMYK	0.00, 0.29, 0.30, 0.42
HSL	1°, 17%, 50%
HSV	1°, 30%, 58%
XYZ	20.0960, 17.7130, 15.7244
YIQ	118.7430, 25.9490, 8.8050

Conversions

Conversions Part 2

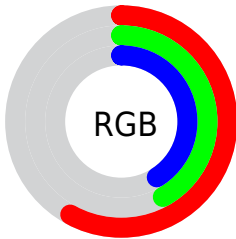
Format	Color
R_{YB}	149, 106, 105
Decimal	9792105
CIE Lab	49.15, 17.07, 7.39
CIE LCh	49, 18.599, 23.413
Yxy	17.7130, 0.3754, 0.3309
Android (android.graphics.Color)	4287982185 (0xFF956A69)
YUV	118.7430, -6.7753, 26.5354
Hunter-Lab	42.0868, 11.5799, 7.3089

Details

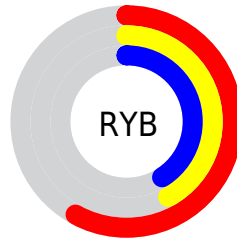
The RYB color **149, 106, 105** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **105, 127, 149**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **204, 158, 156**, and **97, 58, 58** is the 20% darker color. If you saturate the color by 10%, you get **149, 91, 90**, and if you desaturate by 10%, it is **149, 121, 120**.

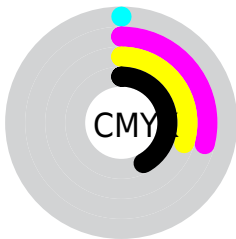
Distribution



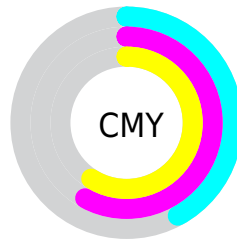
- Red (58%)
- Green (42%)
- Blue (41%)



- Red (58%)
- Yellow (42%)
- Blue (41%)



- Cyan (0%)
- Magenta (29%)
- Yellow (30%)
- Black (42%)



- Cyan (42%)
- Magenta (58%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 106, 105 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 149, 106, 105 by changing the saturation by 10% instead.

 149, 106, 105


255, 255, 255

 204, 158, 156

 233, 185, 183

 255, 212, 211


 255, 241, 239

 149, 106, 105

 123, 82, 81

 97, 58, 58

 72, 36, 36

 48, 15, 15


 26, 0, 1


 0, 0, 0

 149, 106, 105

 149, 91, 90

 149, 77, 75

 149, 106, 105

 149, 121, 120

 149, 135, 135

■ 149, 62, 60

■ 149, 150, 150

■ 149, 48, 45

■ 149, 157, 165

■ 149, 33, 30

■ 149, 164, 180

■ 149, 19, 16

■ 149, 171, 194

■ 149, 4, 1

■ 149, 179, 209

■ 149, 3, 0

■ 149, 186, 224

■ 149, 193, 239

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



146, 106, 121



149, 106, 105



144, 117, 92

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



149, 106, 105



97, 122, 123



93, 111, 148

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



149, 106, 105



105, 127, 149

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76, 103, 142



149, 106, 105



81, 106, 125

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



149, 106, 105



88, 120, 93



71, 99, 129



115, 114, 146

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



149, 106, 105



130, 136, 87



71, 99, 129



86, 108, 147

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



149, 106, 105



194, 177, 176



149, 105, 148



97, 86, 86



224, 224, 224



97, 97, 97

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



149, 106, 105



194, 127, 126



145, 149, 105



74, 67, 67



138, 3, 0



10, 0, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



105, 127, 149



126, 159, 194



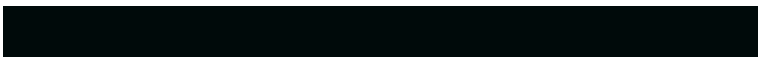
105, 119, 149



67, 71, 74



0, 68, 138



0, 5, 10

Previews

White Background



This preview shows how the RYB color 149, 106, 105 looks on a white background.

Color Contrast Check

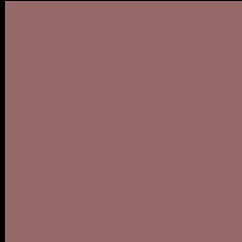
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 149, 106, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 149, 106, 105 Background



This preview shows how black text looks on a background with the RYB color 149, 106, 105.

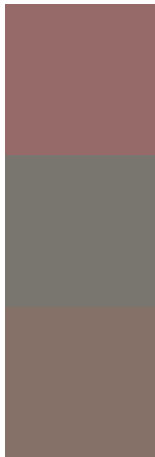


This preview shows how white text looks on a background with the RYB color 149, 106, 105.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
[149, 106, 105](#)

Protanopia
[118, 121, 111](#)

Deuteranopia
[133, 117, 104](#)



Tritanopia
150, 105, 113

Trichromacy



Original Color

149, 106, 105

Protanomaly

131, 114, 109

Deuteranomaly

139, 111, 104

Tritanomaly

150, 105, 110

Monochromacy



Original Color

149, 106, 105

Achromatopsia

119, 119, 119

Achromatomaly

130, 114, 114

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 106, 105 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(149, 106, 105) looks like.

```
.text, #text, p{  
    color:rgb(149, 106, 105)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(149, 106, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 106, 105) }
```

Border

The CSS property to change the border of an element to RYB 149, 106, 105 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(149, 106, 105) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(149, 106, 105) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(149, 106, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 106, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 106, 105);  
box-shadow:4px 4px 4px 4px rgb(149, 106,  
105) }
```

Background

The CSS property to change the background color of an element to RYB 149, 106, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 106, 105) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(149,  
106, 105) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor